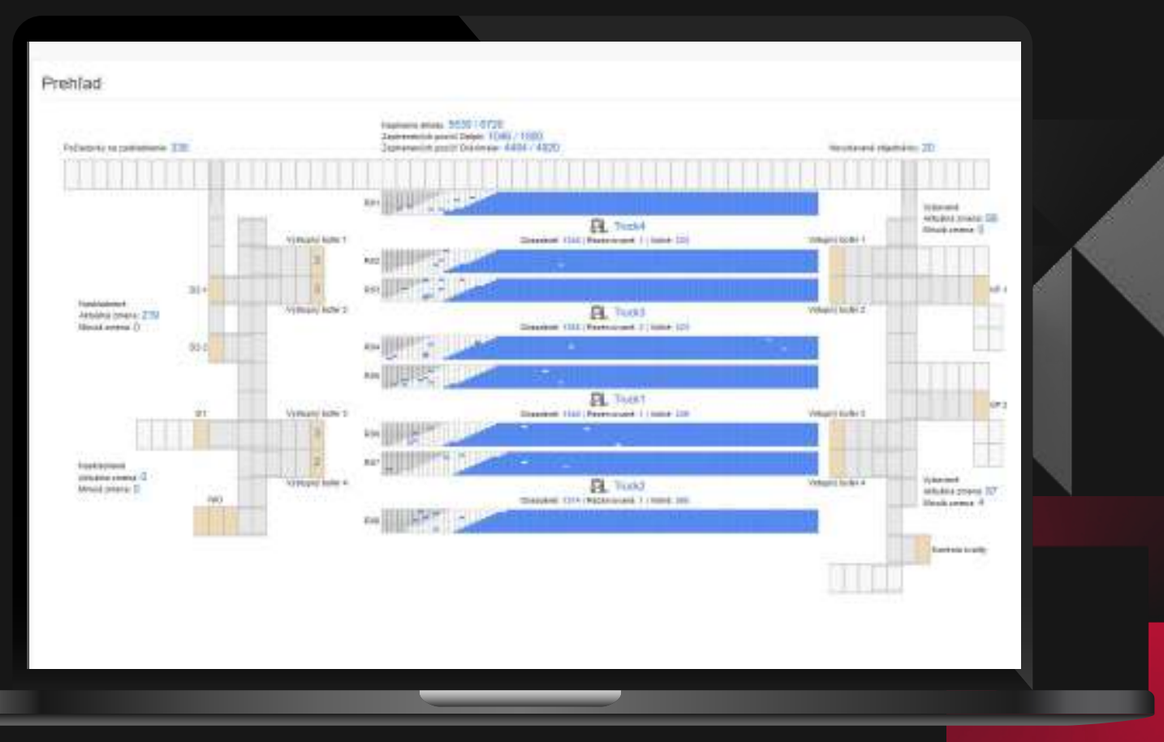
EMANS WMS EXPERT

ANASOFT

OPTIMISING WAREHOUSE LOGISTICS AND DISTRIBUTION FOR HIGH-VOLUME AND DEMANDING OPERATIONS

Automate warehouse logistics management and high-volume order picking for sensitive goods through optimised putaway processes and dynamic picking strategies.

- **ACCURATE INVENTORY MANAGEMENT**
  Real-time inventory tracking across multiple storage zones, precise monitoring of expiration dates for perishable goods, and full batch/lot-level traceability.
- **COMPLIANCE WITH REGULATIONS AND STANDARDS**
  Ensures full compliance with all applicable regulations and industry standards, including strict hygiene, safety, and storage requirements
- **PICKING PROCESS AUTOMATION**
  Accelerate order fulfilment through parallel, cluster, and multi-zone picking strategies for high-volume orders, with seamless integration of automated storage and material handling equipment



SOLUTION RECOMMENDED FOR

Food Logistics | Pharmaceutical Logistics | Industrial Operations | Manufacturing Logistics | Medium Size Distriburion

BENEFITS

+100% Increase in warehouse performance

99% Quality Assurance

+95% Inventory Visibility

+35% Increase in operator productivity

+20% Optimization of Warehouse Space Utilization

+45% Downtime Reduction

+35% Enhancing Warehouse Throughput

+27% Accelerated Order Picking

HBPO THE MODULE COMPANY | SCHNELLECKE LOGISTICS | ZKW | twd | TRELLEBORG | EUROFIT

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EMANS *expertWMS*

1. **ADVANCED INVENTORY TRACKING:** Leverage advanced technologies to monitor inventory at item level, including individual batch/lot identification, expiration dates, and specific storage condition requirements.
2. **AUTOMATED ORDER PLANNING:** Automatically generate and optimise orders using advanced algorithms that account for seasonal trends, current inventory levels, and demand forecasting.
3. **MULTI-TIER WAREHOUSE MANAGEMENT:** expertWMS supports complex warehouse layouts and enables efficient management of multiple warehouses, cross-docking facilities, and logistics hubs simultaneously.
4. **IN-DEPTH OPERATIONAL DATA ANALYTICS** expertWMS delivers detailed reporting, including performance KPI tracking, inventory movement analysis, and identification of operational bottlenecks within warehouse operations.
5. **ADVANCED INTEGRATION AND SCALABILITY:** The platform integrates seamlessly with existing ERP and CRM systems and provides an open API for rapid integration with additional tools and third-party applications.

KEY FEATURES

- Simultaneous multi-zone order picking management
- Automated compliance monitoring and end-to-end traceability
- Internal warehouse replenishment and inventory reorganisation management
- Enforced storage of goods according to defined temperature zones, humidity levels, and other storage conditions
- Advanced reporting and analytics on order profiles, lead times, and product shelf life
- Automatic coordination and synchronisation of warehouse operators to eliminate operational downtime

„The intelligent logistics system EMANS WES controls complex warehousing processes in our distribution center, ensuring that every customer order is picked up within a few minutes. Fresh fruit and vegetables shipped in volumes of up to 28,000 crates per day are thus delivered unto store counters within 24 hours after the harvest at local growers."

Daniel Sabel, Project director
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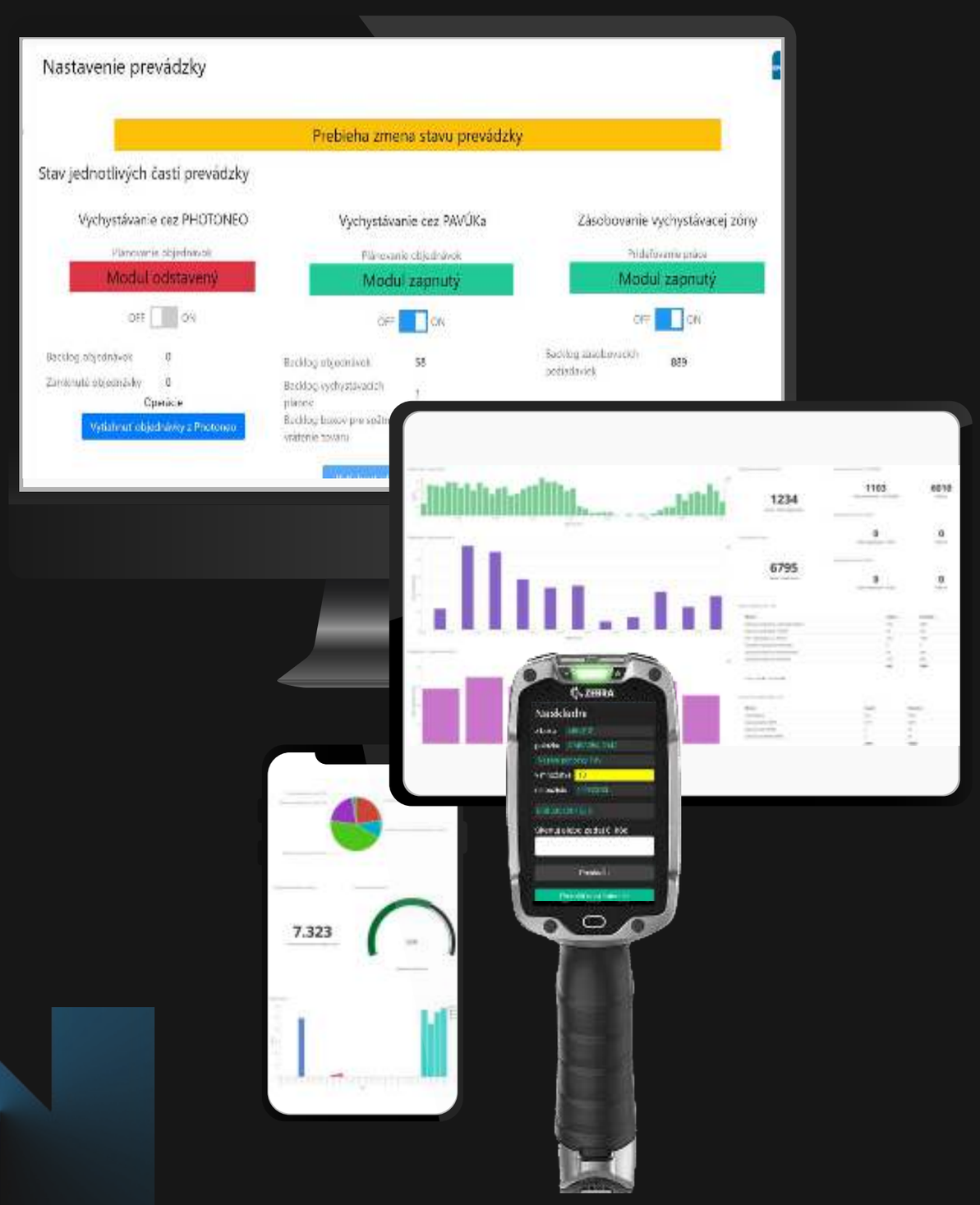

expertWMS is primarily recommended for warehouses with:

Warehouse size

3 000 - 10 000 storage positions

Assortment size

1 000 - 10 000 SKUs

Daily transaction volume / material handling operations

5 000 - 20 000 operations

Number of concurrent warehouse operators

20 - 50 pickers

Technological equipment

- Automated Storage & Retrieval Systems (ASRS)
- Automated vehicles
- Conveyor belt systems
- Pick-by-Light
- Pick-by-Voice technology
- VNA